



U.S. Department
of Transportation
**Federal Aviation
Administration**

Aviation Safety
Minneapolis Certificate Management Section

6020 28th Avenue South Room 103
Minneapolis, MN 55450-2700

March 4, 2024

Ms. Kelcy Schachle
Airforms, LLC.
3650 West Aviation Ave.
Wasilla, Alaska 99654

Dear Ms.: Schachle

In accordance with title 14, Code of Federal Regulations (14 CFR), part 21, "Certification Procedures for Products and Articles," subpart K, "Parts Manufacturer Approvals," the FAA has found that the design data, which Airforms, LLC. based on test and computation as submitted in your letter dated December 19, 2023, meet the airworthiness requirements of 14 CFR applicable to the products on which the articles are to be installed. Additionally, the FAA has determined that Airforms, LLC. has established the quality system required by § 21.307, "Quality system," at 3650 West Aviation Ave. Wasilla, Alaska 99654. Accordingly, the FAA hereby grants Parts Manufacturer Approval (PMA) to Airforms, LLC. for production of the replacement articles listed in the enclosed Supplement No. 82.

You are reminded that the provisions of 14 CFR parts 21 and 45, noted in our PMA letter of approval dated August 3, 2022, also apply to the enclosed PMA Listing—Supplement No. 82. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

TIMOTHY L BONDERER Digitally signed by TIMOTHY L BONDERER
Date: 2024.03.06 08:04:59 -06'00'

Timothy L Bonderer
Manager, Minneapolis Certificate Management Section
Central Certificate Management Branch
System Oversight Division
Aircraft Certification Service

Enclosure
PMA Listing—Supplement No. 82



U.S. Department
of Transportation
**Federal Aviation
Administration**

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Airforms LLC
3650 W. Aviation Ave
Wasilla, Alaska 99654

PMA No. **PQ2644CE**
Supplement No. **82**
Dated: **March 4, 2024**

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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
LH FWD Baffle Assembly (for LH & RH Engine)	AF37119-00	37119-00, 37119-000	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T, PA-34-220T, PA-28R-201T, PA-28RT-201T
LH Rear Baffle Assembly (for LH & RH Engine)	AF37120-03	37120-03	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T
RH FWD Baffle Assembly (for LH & RH Engine)	AF37121-00	37121-00, 37121-000	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T, PA-34-220T
RH Rocker Cover Baffle Assembly (for LH & RH Engine)	AF37122-00	37122-00, 37122-000	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T, PA-34-220T
LH Rocker Cover Baffle Assembly (for LH & RH Engine)	AF37125-00	37125-00, 37125-000	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T, PA-34-220T
LH Rear Outboard Oil Cooler Baffle Assembly	AF37126-00	37126-00, 37126-000	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T, PA-34-220T, PA-28R-201T, PA-28RT-201T

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
RH Rear Baffle Assembly (for LH & RH Engine)	AF37175-03	37175-03	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T
Rear Center Baffle Assembly	AF37178-00	37178-00	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc. PA-34-200T	
LH Rear Inboard Oil Cooler Baffle Assembly	AF37179-00	37179-00, 37179-000	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T, PA-34-220T, PA-28R-201T, PA-28RT-201T
LH FWD & RH Rear Cylinder Wrap Baffle Assembly (for LH & RH Engine)	AF37463-00	37463-00, 37463-000	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T, PA-34-220T, PA-28R-201T, PA-28RT-201T
RH FWD Cylinder Wrap Baffle Assembly (for LH & RH Engine)	AF37464-00	37464-00, 37464-000	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T, PA-34-220T
LH Rear Cylinder Wrap Baffle Assembly (for LH & RH Engine)	AF37512-00	37512-00, 37512-000	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T, PA-34-220T, PA-28R-201T, PA-28RT-201T
1.5" Flange Assembly	AF37598-00-WELD	37598-00, 37598-000	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T, PA-34-220T, PA-28R-201T, PA-28RT-201T

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
LH Top Bar Baffle Assembly	AF641107	641107	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Continental Aerospace Technologies	LTSI0360E, LTSI0360EB, LTSI0360KB, TSI0360C, TSI0360CB, TSI0360D, TSI0360DB, TSI0360E, TSI0360EB, TSI0360F, TSI0360FB, TSI0360GB, TSI0360H, TSI0360HB, TSI0360JB, TSI0360KB, TSI0360LB
RH Top Bar Baffle Assembly	AF641109	641109	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Continental Aerospace Technologies	LTSI0360E, LTSI0360EB, LTSI0360KB, TSI0360C, TSI0360CB, TSI0360D, TSI0360DB, TSI0360E, TSI0360EB, TSI0360F, TSI0360FB, TSI0360GB, TSI0360H, TSI0360HB, TSI0360JB, TSI0360KB, TSI0360LB
Top Inner Cylinder Baffle Assembly	AF641166	641166	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Continental Aerospace Technologies	I0240A, I0240B, I0360AF, I0360ES, I0F240B, LTSI0360E, LTSI0360EB, LTSI0360KB, LTSI0360RB, TSI0360E, TSI0360EB, TSI0360F, TSI0360FB, TSI0360GB, TSI0360KB, TSI0360LB, TSI0360MB, TSI0360RB, TSI0360SB

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
Top Inner Cylinder Baffle Assembly	AF641341	641341	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Continental Aerospace Technologies	I0240A, I0240B, I0360AF, I0360ES, I0F240B, LTSI0360E, LTSI0360EB, LTSI0360KB, LTSI0360RB, TSI0360E, TSI0360EB, TSI0360F, TSI0360FB, TSI0360GB, TSI0360KB, TSI0360LB, TSI0360MB, TSI0360RB, TSI0360SB
#5 RH FWD Inner Cylinder Wrap Baffle Assembly	AF641343	641343	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Continental Aerospace Technologies	LTSI0360E, LTSI0360EB, LTSI0360KB, TSI0360E, TSI0360EB, TSI0360F, TSI0360FB, TSI0360GB, TSI0360KB, TSI0360LB
#1 & #6 LH FWD & RH Rear Inner Cylinder Wrap Baffle Assembly	AF641344	641344	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Continental Aerospace Technologies	LTSI0360E, LTSI0360EB, LTSI0360KB, TSI0360E, TSI0360EB, TSI0360F, TSI0360FB, TSI0360GB, TSI0360KB, TSI0360LB
#2 LH Rear Inner Cylinder Wrap Baffle Assembly	AF641349	641349	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Continental Aerospace Technologies	LTSI0360E, LTSI0360EB, LTSI0360KB, TSI0360E, TSI0360EB, TSI0360F, TSI0360FB, TSI0360GB, TSI0360KB, TSI0360LB

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
LH Lower Inner Cylinder Baffle Assembly	AF654932	654932	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Continental Aerospace Technologies	I0240A, I0240B, I0360AF, I0360ES, I0F240B, LTSI0360E, LTSI0360EB, LTSI0360KB, LTSI0360RB, TSI0360E, TSI0360EB, TSI0360F, TSI0360FB, TSI0360GB, TSI0360KB, TSI0360LB, TSI0360MB, TSI0360RB, TSI0360SB
#3 & #4 Center Inner Cylinder Wrap Baffle Assembly	AF654933	654933	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Continental Aerospace Technologies	LTSI0360E, LTSI0360EB, LTSI0360KB, TSI0360E, TSI0360EB, TSI0360F, TSI0360FB, TSI0360GB, TSI0360KB, TSI0360LB
RH Lower Inner Cylinder Baffle Assembly	AF654936	654936	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Continental Aerospace Technologies	I0240A, I0240B, I0360AF, I0360ES, I0F240B, LTSI0360E, LTSI0360EB, LTSI0360KB, LTSI0360RB, TSI0360E, TSI0360EB, TSI0360F, TSI0360FB, TSI0360GB, TSI0360KB, TSI0360LB, TSI0360MB, TSI0360RB, TSI0360SB

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
Seal	AF37119-002	Modification Article	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T, PA-34-220T, PA-28R-201T, PA-28RT-201T
Seal	AF37119-003	Modification Article	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T, PA-34-220T, PA-28R-201T, PA-28RT-201T
Seal	AF37120-033	Modification Article	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T
Seal	AF37121-002	Modification Article	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T, PA34-220T
Seal	AF37121-003	Modification Article	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T, PA34-220T
Seal	AF37121-004	Modification Article	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T, PA34-220T
Seal	AF37121-005	Modification Article	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T, PA34-220T
Seal	AF37122-002	Modification Article	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 388 <u>Rev:</u> N/C <u>Date:</u> 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T, PA-34-220T

PMA No. PQ2644CE
Supplement No. 82
Dated: March 4, 2024

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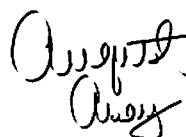
Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
Seal	AF37125-003	Modification Article	Test and computations per 14 CFR § 21.303, Dwg No: MDL 388 Rev: N/C Date: 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T, PA-34-220T
Seal Plate	AF37126-005	Modification Article	Test and computations per 14 CFR § 21.303, Dwg No: MDL 388 Rev: N/C Date: 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T, PA-34-220T, PA-28R-201T, PA-28RT-201T
Seal Plate	AF37126-006	Modification Article	Test and computations per 14 CFR § 21.303, Dwg No: MDL 388 Rev: N/C Date: 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T, PA-34-220T, PA-28R-201T, PA-28RT-201T
Seal	AF37126-007	Modification Article	Test and computations per 14 CFR § 21.303, Dwg No: MDL 388 Rev: N/C Date: 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T, PA-34-220T, PA-28R-201T, PA-28RT-201T
Seal	AF37175-033	Modification Article	Test and computations per 14 CFR § 21.303, Dwg No: MDL 388 Rev: N/C Date: 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T
Seal	AF37175-034	Modification Article	Test and computations per 14 CFR § 21.303, Dwg No: MDL 388 Rev: N/C Date: 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T
Seal	AF37178-002	Modification Article	Test and computations per 14 CFR § 21.303, Dwg No: MDL 388 Rev: N/C Date: 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
Seal	AF37178-003	Modification Article	Test and computations per 14 CFR § 21.303, Dwg No: MDL 388 Rev: N/C Date: 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T
Seal	AF37179-002	Modification Article	Test and computations per 14 CFR § 21.303, Dwg No: MDL 388 Rev: N/C Date: 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T, PA-34-220T, PA-28R-201T, PA-28RT-201T
Seal	AF37179-003	Modification Article	Test and computations per 14 CFR § 21.303, Dwg No: MDL 388 Rev: N/C Date: 10/25/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-34-200T, PA-34-220T, PA-28R-201T, PA-28RT-201T

-----END OF LISTING-----

NOTE 1: Provide minor design changes in a manner as determined by the ACO. Process major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.

NOTE 2: The FAA approved ICA for the above articles with their designs. These ICA may refer to those of the respective articles from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement articles. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.

 Digitally signed by
AUGUST A ASAY
Date: 2024.02.29
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**TIMOTHY L
BONDERER** Digitally signed by
TIMOTHY L
BONDERER
Date: 2024.03.06
08:01:47 -06'00'

for Gregory S. DiLibero
Manager, West Certification Branch
Compliance & Airworthiness Division
Aircraft Certification Service

Timothy L. Bonderer
Manager, MSP/CHI Certificate Management Section
Central Certificate Management Branch
System Oversight Division